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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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Calcutta, 03rd October 1992

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234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 26 सितम्बर 1992

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अधिष्ठित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोवर परेल (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा
दिव एवं दादरा और नागर हवेली ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय शाखा,
एनक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पांडिचेरी, लक्षद्वीप
मिनिकाय तथा अमिनिदिवि द्वीप ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपर्युक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रण को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

CORRIGENDA

In the Gazette of India Part-III, Sec. 2, dated the 19th August, 1989 (a) In page 780, Col.-2, for application for patent No. 486/Cal/85 filed on 27th June, 1985 *read* the applicant as VICTOR COMPANY OF JAPAN LTD., *instead of* VECTOR COMPANY OF JAPAN LTD.

(b) In page-789, Col.-2, for application for Patent No. 483/Del/84 filed on 13th June, 1984 *read* its accepted No. as 165123.

(c) In page-801, Col. 1-2 for application for Patent No. 357/Cal/87 filed on 4th May, 1987 delete the accepted complete Specification No. 155149 from the first line.

(d) In page-809, Col. 1, for application for Patent No. 993/Del/85 filed on 26th November, 1985 *read* the applicant as PPG INDUSTRIES INC. *instead* of PPG INDUSTRIESL. INC.,

In the Gazette of India Part-III, Sec. 2, dated the 26th August, 1989, page-824, Col. 1, for application for patent No. 969/Del/85 filed on 19th November, 1985 *read* the applicant as KINGSWAY ENTERPRISES PRIVATE LIMITED. *instead of* KINGSWAY ENTREPRISES PRIVATE LIMITED.

In the Gazette of India Part III, Sec. 2, dated the 9th September, 1989

(a) In page-862, Col.-2, for application for patent No. 326/Cal/87 filed on 24th April, 1987 *read* the applicant as RICHTER GEDEON VEGYESZETI GYAR RT. *instead of* RICHTER GEDEON VEGYESZETI GYAT RT.

(b) In page-877, Col.-2, for application for patent No. 810/Del/85 filed on 3rd October, 1985 *read* the applicant as STC PLC, *instead of* ETL PLC.

In the Gazette of India part-III, Sec. 2, dated the 14th October, 1989, page-999, col.-2, for application for patent No. 577/Cal/86 filed on 30th July, 1986 *read* the applicant as STOPINC AKTIENGESELLSCHAFT *instead of* STOPING AKTIENGESELLSCHAFT.

In the Gazette of India part-III, sec. 2, dated the 23rd December, 1989, page-1117, col. 1, for application for patent No. 824/Cal/86 filed on 14th November, 1986, *read* the applicant as THE BABCOCK & WILCOX COMPANY *instead of* PABCOCK & WILCOX COMPANY.

In the Gazette of India, Part III, Section 2, dated the 30th May, 1992, Page 684, Column-1 Under heading "CESSATION" of Patents.

Delete Patent No. 157065.

In the Gazette of India, Part III, Section 2, dated the 25th July, 1992 page 912, Column-2, under heading "CESSATION" of Patents.

Delete Patent No. 149384.

GOVERNMENT OF INDIA

THE PATENT OFFICE

Calcutta, 03rd October 1992

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA 20

The dated shown in the crescent bracket are the dates claimed under section 135, of the patents Act, 1970.

The 26th August 1992

614/Cal/92 Willem Dirk Veenhof. Conveyor Belt Stripper.

615/Cal/92 Brod & Mcclung-Pace Co. Directional air Diffuser Panel for clean room ventilation system.

The 27th August 1992

616/Cal/92 E.I. Du Pont De Nemours and Company Azeotropic Compositions of 1, 1, 1, 2, 3, 4, 4 5, 5, 5-Decafluoropen Tane and Trans-1, 2-Dich loroethylene, CIS-1, 2-Dichloroethylene or 1, 1-Dichloroethane.

The 28th August 1992

617/Cal/92 Tea Research Association, A Process for the Improvement of Flavour in Black tea & Brewed Liquor.

The 31st August 1992

618/Cal/92 Jahar Lal Bose. Valveless Filter.

619/Cal/92 McNeil-PPC. Inc. Absorbent Article having preformed compliant Gaskets.

620/Cal/92 Stone & Webster Engineering Corporation. Process for the production of Olefins from light paraffins.

621/Cal/92 Mitsui Toatsu Chemicals, Inc. A Process for preparing a polythiourethane base resin. (Divided out of No. 699/Cal/89; antedated to 28-08-1989).

622/Cal/92 Mitsui Toatsu Chemicals, Inc. A process for producing a plastic Lens. (Divided out of No. 699/Cal/89; antedated to 28-08-1989).

623/Cal/92 Richter Gedeon Vegyeszeti Gyar RT. Equipment for contacting a solid and a liquid, Particularly for Extracting a Solid with a Liquid.

624/Cal/92 Albert Edward Rex. A stud insert for use in a rail fastening system. (Divided out of No. 454/Cal/89 antedated to 14-6-89) [Convention dated 24-11-88 No. PJ. 1627; Australia].

625/Cal/92. Albert Edward Rex. Resilient rail fastening system. Convention dated 24-11-88; No. PJ 1627; Australia). [Divided out of No. 454/Cal/89 antedated to 14-6-1989].

626/Cal/92 Richter Gedeon Vegyeszeti Gyar Rt. Process and Equipment for the extraction of solid Granular and/or crushed materials with a liquid and Retreatment thereof for further extraction.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61 WALLAJAH ROAD, MADRAS-600 002

The 27th July 1992

454/Mas/92 P. Gopala Kurup. An automatic liquid/water level maintainer.

455/Mas/92 Parappurathu Kurian Mathen. Improvements in conventional rubber tapping knives through blade changeability modifications.

456/Mas/92 Collins Motor Corporation. Interconnecting Rotary & Reciprocating Motion. (August 20, 1991; United Kingdom).

The 28th July 1992

457/Mas/92 Dr. Joseph George. An improved method of making overlaid and/or reinforced composite particle boards from rice husk and boards made thereby.

458/Mas/92 Denki Tetsushin Industries Co. Ltd., Method of manufacturing wound core.

459/Mas/92 Wacker-Chemie GmbH. Process for the preparation of methylchlorosilanes.

The 29th July 1992

460/Mas/92 The Wellcome Foundation Limited. Cap for a container. (July 30, 1991, United Kingdom).

461/Mas/92 Maschinenfabrik Rieter AG. Detaching roller aggregate for a combing machine.

The 30th July 1992

462/Mas/92 K. T. Thomas M.A. Pilot air remote control system.

463/Mas/92 Daniel P Corcoran Novel pipe and pipe fittings and methods for securing pipe (Canada).

The 31st July 1992

464/Mas/92 Pattabiraman Chandramouli. A manually operated vegetable cutting system.

465/Mas/92 Allied Colloids Limited. Ore Pelletisation. (August 2, 1991; Great Britain).

The 3rd August 1992

466/Mas/92 Tilak Srinivasan. Axial displacement detector.

467/Mas/92 Nagaoka International Corporation. Well screen having a protective frame for a horizontal or high angle well.

468/Mas/92 Allied Colloids Limited. Ore Pelletisation. (August 2, 1991; Great Britain).

469/Mas/92 Hoechst Aktiengesellschaft. Diastereomers of 1 (isopropoxycarbonyloxy) ethyl 3-cephen-4-carboxylate and processes for their preparation.

470/Mas/92 Amsted Industries Incorporated. Steering arm elliptical radius.

The 4th August 1992

471/Mas/92 Donald Welton Shepherd. Stabiliser system for vehicles. (August 7, 1991; United Kingdom).

472/Mas/92 Donald Welton Shepherd. Stabiliser system for vehicles. (August 7, 1991; United Kingdom).

473/Mas/92 Donald Welton Shepherd. Stabiliser System for Vehicles. (August 7, 1991; United Kingdom).

474/Mas/92S Sepracor Inc., A method of preparing an ester compound by enzymatic resolution. (Divisional to Patent Application No. 1025/Mas/90).

The 5th August 1992

475/Mas/92 Euroceltique S.A., Pharmaceutical combination formulation. (August 12, 1991; Great Britain).

476/Mas/92 Euroceltique S.A. Pharmaceutical Sphercid Formulation. (August 12, 1991; Great Britain).

477/Mas/92 Maschinenfabrik Rieter AG. Stretching chamber arrangement.

The 6th August 1992

478/Mas/92 Ystein Faest. Unit for the filtration of fluids.

479/Mas/92 Comalco Aluminium Limited. Scrubbing of Gaseous fluorides from process exhausts. (August 7, 1991; Australia).

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, IIIRD FLOOR, KAROL BAGH, NEW DELHI-110005

The 13th July 1992

598Del/92 Steel Authority of India Ltd. "An apparatus for producing welding electrodes from discarded tungsten carbide tool tips/inserts".

599/Del/92 Lexmark International, Inc., "Waterfast aqueous inks".

600/Del/92 John Crane UK Ltd., "Mechanical face seals". (Convention date 24th July, 91) (U.K.).

601/Del/92 Imperial Chemical Industries PLC., "Purification of 1, 1, 1, 2-tetrafluoroethane". (Convention date 2nd Augst, 91) (U.K).

602/Del/92 The British Petroleum Co., PLC., "Cleaning compositions". (Convention date 18th July, 91) (U.K).

The 14th July 1992

603/Del/92 GEC ALSTHOM SA., "A contact for a circuit breaker".

604/Del/92 Hartalega Industries SDN, BHD., "Method of stripping latex gloves and the like from formers".

605/Del/92 Stein Industrie, "A method of welding two tube ends together end-to-end, and apparatus for implementing the method".

606/Del/92 Manoir Industries, "Method of manufacturing a welded assembly". [Divisional date 4th August, 89].

The 15th July 1992

607/Del/92 David Teng Pong, "Method and apparatus for guiding a rod to a slitter station".

608/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of the ester of an amino acid using a microemulsion".

609/Del/92 Council of Scientific & Industrial Research, "A process for the selective nitration of phenol to O-nitrophenol using microemulsion and dilute nitric acid".

610/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of crystalline microporous vanadium silicate".

611/Del/92 Council of Scientific & Industrial Research, "An improved process for the production of hydroxy napthalenes".

612/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of 1, 3-dioxolen-2-ones".

613/Del/92 Council of Scientific & Industrial Research, "An improved process for the production of reactive liquid polymers (RLP)".

614/Del/92 Council of Scientific & Industrial Research, "An improved electrolytic cell useful for the production of alkali metal hydroxide and chlorine".

615/Del/92 Council of Scientific & Industrial Research, "An improved process for the production of ceramic crucibles useful for the determination of carbon and sulphur inmetals and alloys".

616/Del/92 Council of Scientific & Industrial Research, "An improved process for the reduction of sulphuric acid in waste stream from Tio. manufacturing plants".

617/Del/92 Council of Scientific & Industrial Research, "An improved process for preparing hydroxy-aluminium useful as clay stabilizer in oil well formation".

618/Del/92 Council of Scientific & Industrial Research. "A process for the preparation of a novel copper activated thermoluminescence dosemeter (TLD) glass".

619/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of a composite of anatase phase stabilized titania and γ tridymite form of microporous aluminium phosphate useful as a photocatalyst".

620/Del/92 Council of Scientific & Industrial Research, "An improved process for the recovery of water soluble barium values from barite".

621/Del/92 Council of Scientific & Industrial Research, "A device for making spirally wound memberane module useful for water desalination by reverse osmosis".

622/Del/92 Uwe Sonnenrein, "Method and device for sewage clarification".

623/Del/92 Von Duprin, Inc., "Electromagnetic lock assembly".

624/Del/92 Rohm & Haas Co., "Aqueous aerosol coating composition".

The 16th July 1992

625/Del/92 Maploca of Illinois, Inc., "Building system for reinforced concrete construction".

626/Del/92 Council of Scientific & Industrial Research, "An improved process for deinking of printed waste paper for recycling".

627/Del/92 Council of Scientific & Industrial Research. "A machine which gets loose coal from the working face to the chain conveyor by scrapping method with the help of a bucker slasher".

628/Del/92 Council of Scientific & Industrial Research, "An improved open circuit hydraulic prop which is highly economic and suitable for underground mines".

629/Del/92 Council of Scientific & Industrial Research, "An improved prop with high setting load, useful for supporting underground mine roofs".

630/Del/92 Council of Scientific & Industrial Research, "A process for the preparation of immobilized amyloglucosidase enzyme". [Divisional date 26th December, 89].

The 17th July 1992

631/Del/92 U. K. Mitra, Method and arrangement for working of a thermaly activated machine to produce heating and cooling".

The 20th July 1992

632/Del/92 Institut Cornogo Dela Sibirskogo Otdelenia Rossiiskoi Akademii Nauk & Other, "Excavator bucket".

633/Del/92 Institut Cornogo Dela Sibirskogo Otdelenia Rossiiskoi Akademii Nauk & Other, "Tooth of active action excavator bucket".

634/Del/92 Joginder Lal Bedi, "Indoor cricket".

635/Del/92 The University of Sydney, "Thin film solar selective surface coating". (Convention date 19th July, 91) (Australia).

The 21st July 1992

636/Del/92 Carrier Corporation. Header jig".

637/Del/92 Vijay Kumar Shaw. "Flow stoppage funnel".

638/Del/92 Eropol Finance Et Developpement, "Process and automatic machine for manufacture of calibrated rings from an extruded or profiled extrudate" (Convention date 2nd August, 91) (Australia).

639/Del/92 GEC Alsthom SA., "A component for a metal clad station for section switching and grounding"

640/Del/92 Gould Inc, "Printed circuit board and method for the preparation thereof". [Divisional date 24th January, 89].

The 22nd July 1992

641/Del/92 Yoshie Kurihara & Other, "Chewing gum".

642/Del/92 Yoshie Kurihara & Other, "Emulsified taste. modifier composition".

643/Del/92 GEC Alsthom SA., "A medium-or high-tension circuit breaker having abutting arcing contacts"

644/Del/92 Aktiebolaget Astra, "New isosteric peptides".

645/Del/92 Bio-Technology General Corp., "Expression or enzymatically active recombinant human acetylcholinesterase and use thereof".

The 23rd July 1992

646/Del/92 The Director, Central Pulp & Paper Research Institute A process for the treatment of soda bagasse black liquior.

647/Del/92 The Chief Controller Research & Development, "An inhibition system for magnesium based fuel rich propellants".

648/Del/92 The Registrar, Kurukshetra University, "A process for the preparation of benzothiazines".

649/Del/92 The Registrar, Kurukshetra University, "A process for the preparation of benzothiazoless".

650/Del/92 The Procter & Gamble Co., "An improved aqueous process for preparing 2, 2, '-oxodisuccinate". [Divisional date 14th December, 1988].

651/Del/92 The Procter & Gamble Co.. "A process for making malate". [Divisional date 14th December, 1988].

652/Del/92 Eastman kodak Co., "Fibers capable of spontaneously transporting fluids".

The 24th July 1992

653/Del/92 Williames Hi-Tech International Pty. Ltd., "Tea harvester". (Convention date 26th July, 91) (Australia).

654/Del/92 Gould Inc., "Method and plating bath for the manufacture by electrodeposition of a multiple layer article". [Divisional date 24th January, 89].

655/Del/92 Colgate-Palmolive-Co., "Viscoelastic dentifrice composition".

ALTERATION OF DATE u/s. 16

169275 filed on

(138/Del/88) 19 Feb 1988. Ante-dated to 14 Aug 1986.

169137 Antedated to 6th March, 1986.

(943/Del/1988)

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta, on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत् विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिएं।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप हैं"।

नीचे सूचीगत विनिर्देशों की सीमित संख्यक मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग-पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl.: 52 A, 51 F. 171391

Int. Cl.[5]: B 23 D 15/00, 17/00, 19/00, 21/00, 25/00, 33/00.

SHEARS FOR CUTTING PLATE MATERIALS.

Applicant: KOLPINSKOE OTDELENIE VSESOJUZNOGO NAUCHNO - ISSLEDOVATELSKOGO I PROEKTNO - KONSTRUKTORSKOGO INSTITUTA METALLURGICHESKOGO MASHINOSTROENIA NAUCHNO-PROIZVODSTVENNOGO OBIEDINENIA "VNIIMETMASH" OF LENINGRAD, KOLPINO, ULITSA BRATIEV RADCHENKO, 5, USSR.

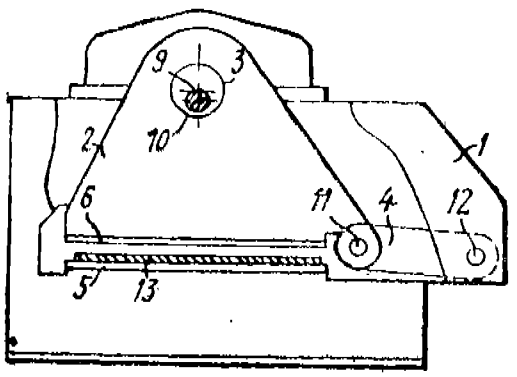
Inventors : (1) LEONID PETROVICH, (2) OLEG VASILIEVICH GORELOV, (3) IGOR MIKHAILOVICH KALETIN, (4) ALEXANDR VITALIEVICH PETROV and (5) VASILY EVGENIEVICH KUTUZOV.

Application No. 844/Cal/1988; filed on October 12, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

5 Claims

Shears for cutting plate materials comprising a lower stationary blade secured to a frame and an upper movable blade secured to a cutter beam mounted on an eccentric journal of an eccentric shaft supported in the frame and having a drive, the shears further comprising a rocker arm pivotally connected with its one end to the frame and with its other end to the cutter beam.



Compl. Specn. 19 pages. Drgns. 4 sheets

Cl. : 157 D 5 171392

Int. Cl. : E 01 B 31/00.

A RAIL GRINDING MACHINE FOR GRINDING RAIL ROAD TRACK RAILS.

Applicant : LORAM MAINTENANCE OF WAY, INC. OF 3900 ARROWHEAD DRIVE, HAMEL, MINNESOTA 55340, UNITED STATES OF AMERICA.

Inventors : (1) TIMOTHY BAD HEARD BULL, (2) ALAN L. DZUBAK and (3) DARWIN H. ISDAHL.

Application No. 873/Cal/88; filed on October 24, 1988.

(Convention No. 565, 895, filed on 05-05-1988). Canada.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

24 Claims

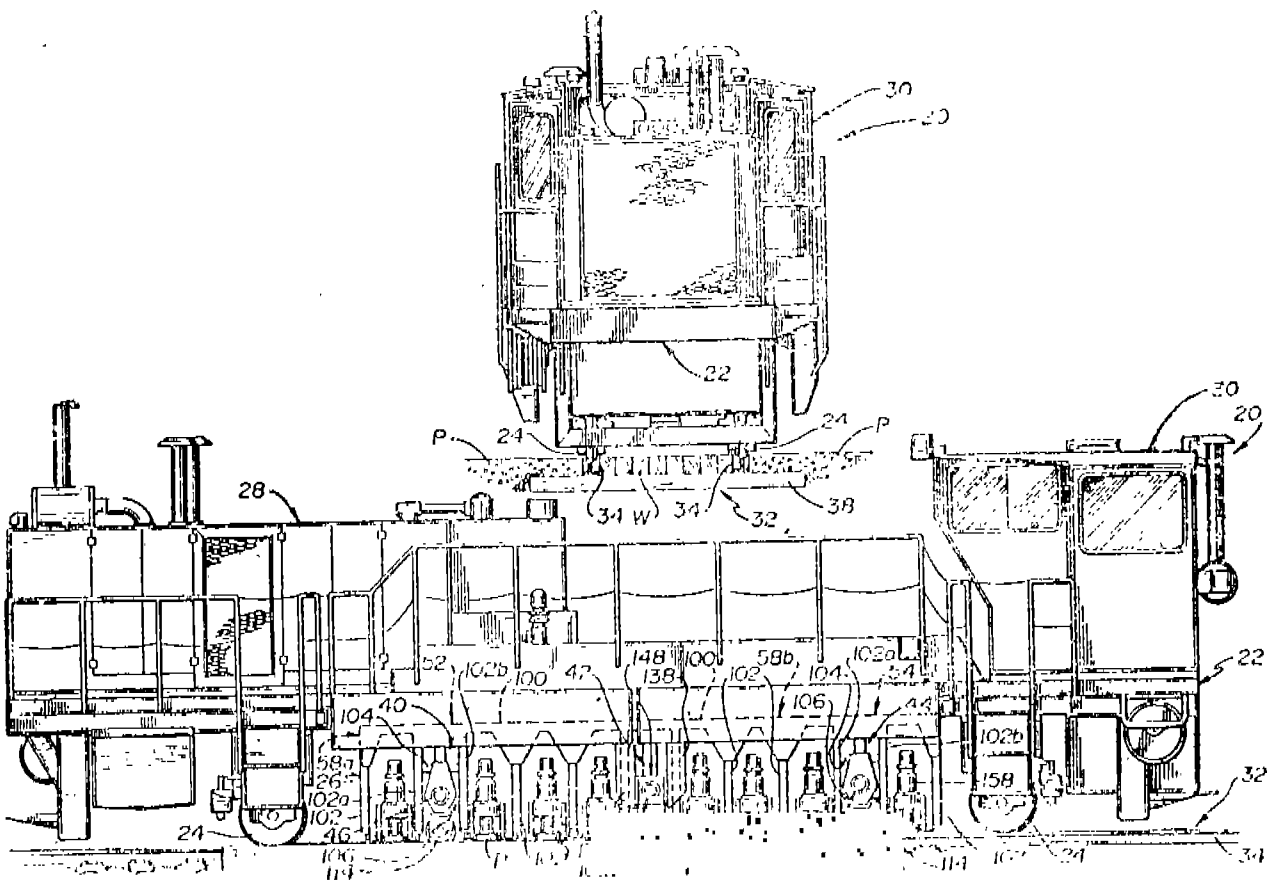
A railroad grinding machine, having a main frame supported along the rails of a railroad track and an undercarriage for supporting a plurality of grinding modules, said undercarriage comprising :

at least a pair of generally parallel, opposed first and second side frames generally aligned with said railroad rails;

vertical suspension means for selectively lowering and raising said side frames from said main frame;

horizontal suspension means operably coupled to said vertical suspension means for selectively shifting said side frames from side to side across said rails independently of said main frame; and

at least a first and second side frame shifting means for selectively shifting said first and second side frames from side to side across said rails independently from each other.



Compl. specn. 27 pages. Drgns. 7 sheets

Cl. : 190 B 171393

Int. Cl. : F 02 C, 7/12.

FLAMEHOLDER ASSEMBLY FOR A GAS TURBINE ENGINE.

Applicant : GENERAL ELECTRIC COMPANY OF 1 RIVER ROAD SCHENECTADY 5, NEW YORK, UNITED STATES OF AMERICA.

Inventor : MARIO EUGENE ABREU.

Application No. 933/Cal/1988; filed on November 07, 1988.

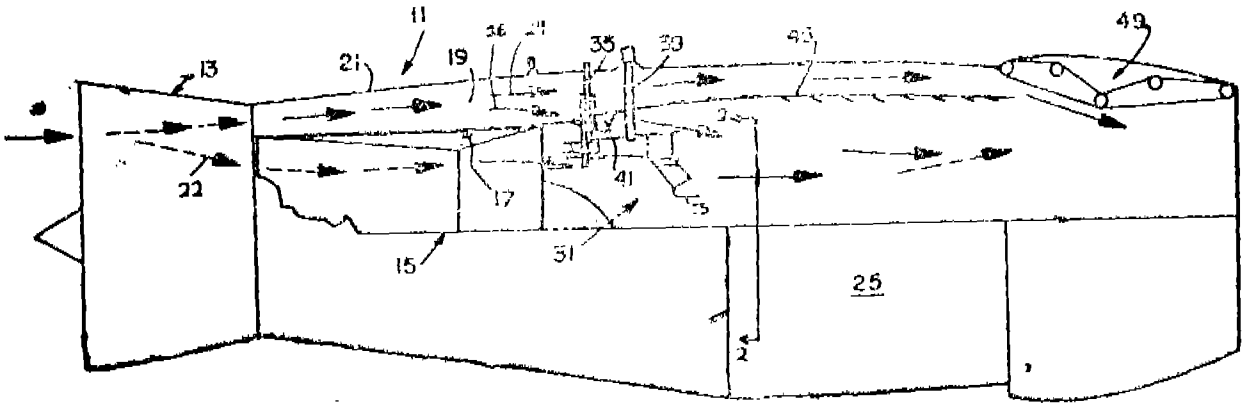
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

11 Claims

A flameholder assembly (31) for a gas turbine engine, the assembly having an upstream side and a down-stream side with respect to combustion gases flowable through the engine; the assembly comprising :

an annular outer member (71) and an annular inner member (73) having a plurality of radial hollow partitions (79) positioned therebetween;

means for channeling a noncombustible gas into the interior of at least some of the partitions and then for channeling said noncombustible gas from the interior of said partitions to an exterior of said partitions for protecting the outer surfaces of said partitions.



Compl. specn. 15 pages. Drgns. 4 sheets

Cl. : 116 C 171394

Int. Cl. : B 65 G 25/00.

DEVICE FOR INCREASING THE PROCESSING FREQUENCY OF THE CAN BODIES AT A PROCESSING PLANT.

Applicant : PRAZISIONS WERKZEUGE AG. OF BREITENHOFSTR. 7, 8630 RUTI, SWITZERLAND.

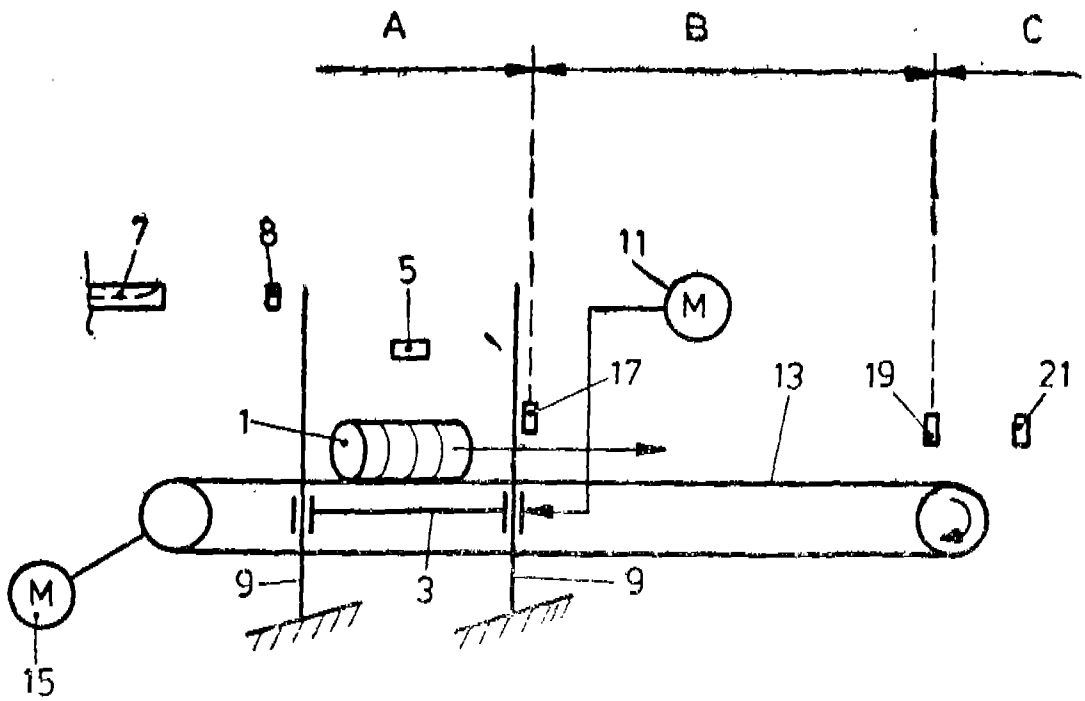
Inventors : MAICO BUCHER, (2) FELIX WALSER, (3) MARCEL KRAMER, (4) PETER RIBNITZ and (5) GLANZMANN KURT.

Application No. 934/Cal/88 filed on November 07, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

14 Claims

A device for increasing the processing frequency of the can bodies (1, 31) at a processing plant, comprising a transportation device (13) provided with at least two transportation speeds and a control device for the control of the speed.



Compl. specn. 26 pages. Drgns. 5 sheets

Cl. : 127 G. 171395

Int. Cl.[4] : F 16 H 15/00.

AN IMPROVED TRANSMISSION GEAR.

Applicant : BOLLMANN HYDRAULIK GMBH. OF AM WILDZAUN 36 6082 MORFELDEN—WALLDORF, WEST GERMANY.

Inventor : DIETER BOLLMANN.

Application No. 983/Cal/1988; filed on November 29, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

10 Claim

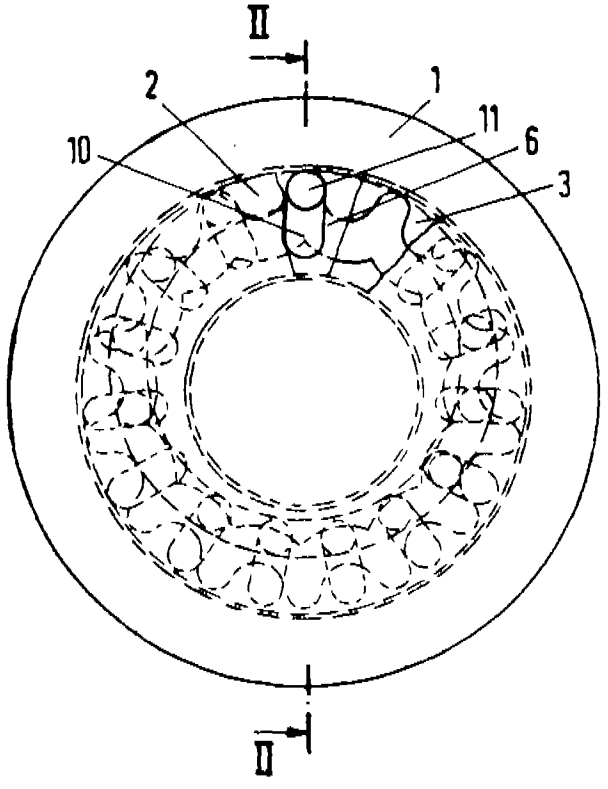
An improved transmission gear comprising :
a housing;

a drive part positioned within said housing rotating about a center axis, said drive part displaying an endless guide groove;

a driven part positioned within said housing rotating around said center axis, said drive part displaying an endless, guide groove wherein said drive guide groove and said driven guide groove are configured at an angle to each other;

at least one force transmission ball placed between said drive part and said driven part an an intersection of said drive guide groove and said driven guide groove;

means for limiting motion of said force transmission ball so that said ball effects a transfer of rotational force and change in angle of rotation from said drive part to said driven part.



Compl. Specn. 12 pages. Drgs. 2 sheets

Cl. : 50 B. 171396

Int. Cl. : F 24 F 13/00.

PROCESS AND EQUIPMENT FOR COLLING A HOT PRODUCT GAS CONTAINING TACKY OR MOLTEN PARTICLES.

Applicant : KRUPP KOPPERS GMBH. OF ALTENDORFER STRASSE 130, D-4300 ESSEN 1, WEST GERMANY.

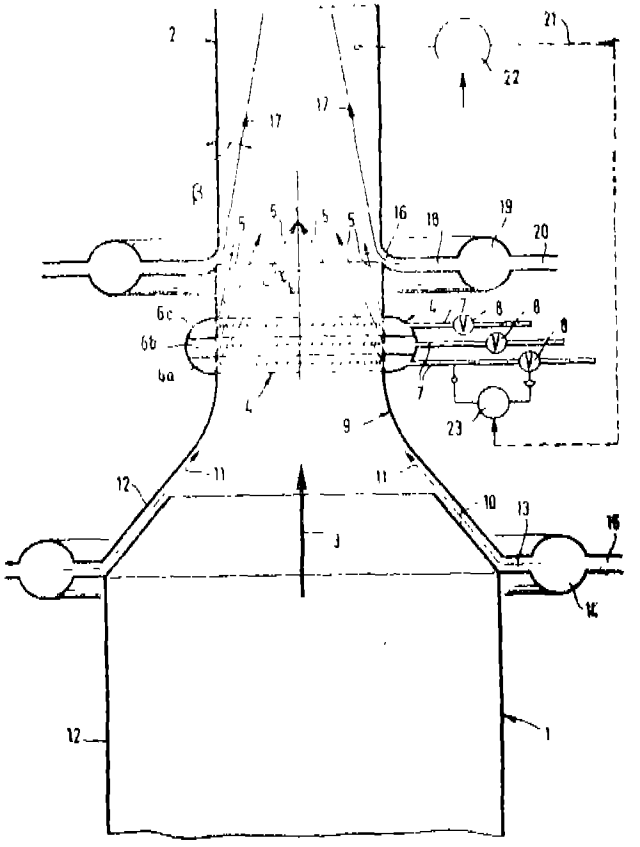
Inventors : FRIENDRICH JOKISCH, (2) ADOLF LINKE and (3) HANS-CHRISTOPH POHL.

Application No. 96/Cal/1989; filed on January 31, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

12 Claims

Process for cooling a hot product gas containing tacky or molten particles which lose their tackiness when cooled, an annular jet of a cooling fluid being injected in the direction of flow of the gas into the hot product gas in a cooling zone of circular cross-section, characterzied in that the annular jet is composed of a multiplicity of separate cooling fluid jets, of which the mass and depth of penetration are matched to the mass of the porduct gas stream flowing in the individual annular spaces of the cooling zone. the injection velocities of the cooling fluid jets being selected such that the desired depths of penetration are reached.



Compl. Specn. 11 pages. Drgs. 4 sheets

Cl. : 61 A. 171397

Int. Cl.[4] : F 26 B 21/00.

APPARATUS FOR THE HEAT TREATMENT AND/OR DRYING OF A WEB OF MATERIAL.

Applicant : VITS MASCHINENBAU GMBH. OF WINKELSWEG 172, D-4018 LANGENFELD, WEST GERMANY.

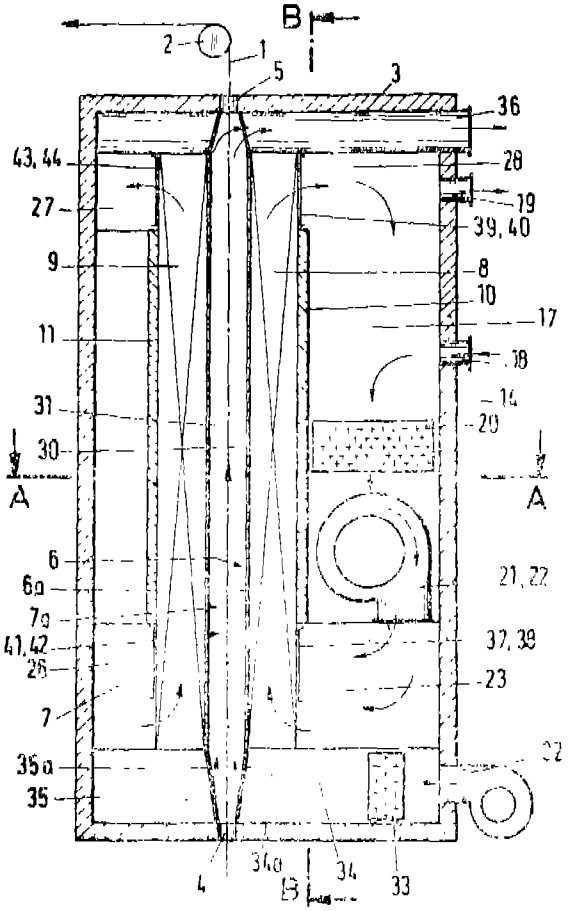
Inventors : (1) KURT VON KWIATKOWSKI, (2) ERICH GORISSEN, and (3) UDO UNGER.

Application No. 262/Cal/89, filed on April 06, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

16 Claims

Apparatus for the heat treatment and/or drying of a web of material (1), consisting of guiding and transporting means (2) for the web of material (1) of infrared radiators (6, 7), which are arranged on one or both sides of the web of material (1) at a distance from it and extend over its width and in its longitudinal direction and which can be heated by ducts (8, 9) which are arranged on the rear sides of its radiating place (6a 7a), have heating medium flowing through them and are adjustable in a heating capacity characterized in that the ducts (8, 9) are designed as hot-air ducts and a plurality of such hot-air ducts are provided parallel to one another and running in the passing-through direction of the web of material (1) and in that the hot-air ducts (8, 9) are assigned control means (37—44), with which the flow rate and/or the temperature of the hot air in the individual hot air ducts (8, 9) is adjustable, and/or are assigned heating devices (53, 54) or cooling devices (55, 56), which are arranged on their rear sides and are adjustable in their heating or cooling capacity.



Compl. Specn. 20 pages. Drgs. 9 sheets

Cl. : 69 Q. 171398

Int. Cl. : H 01 H 37/74.

TO CIRCUIT BREAKERS.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

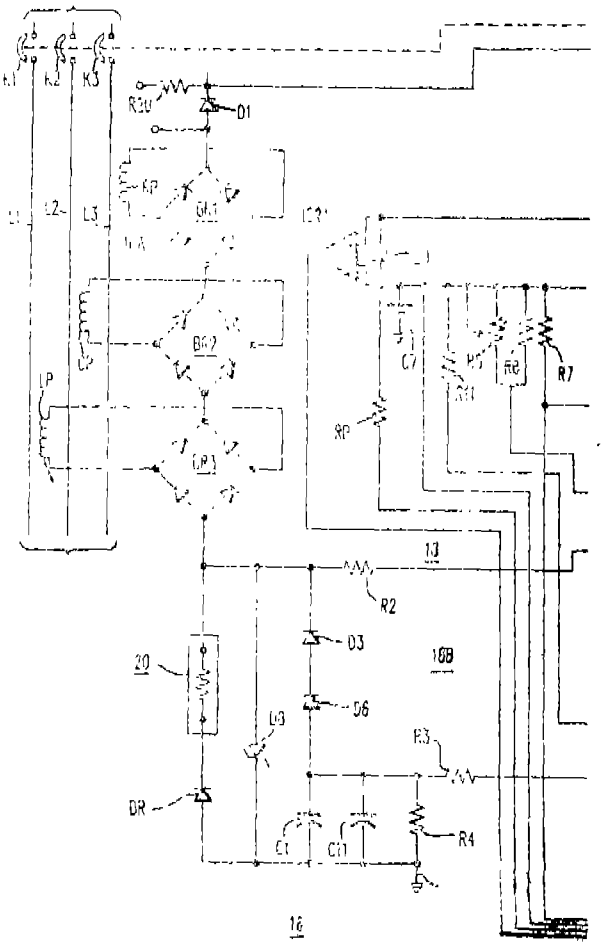
Inventors : WILLIAM JOHN MURPHY.

Application No. 20/Cal/1989; filed on January 09, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

4 Claims

A circuit breaker comprising separable main contacts connected in circuit relationship with a conductor to be protected, opening means cooperable with said separable main contacts for opening said separable main contacts as a function of voltage, capacitor means interconnected with said opening means, analog charging current generating means interconnected with said conductor and said capacitor means for producing a charging current for said capacitor means in proportion to the square of the current flowing in said conductor for producing said voltage across said capacitor means, said voltage across said capacitor means being related to said square of said current flowing in said conductor, switchable memory means interconnected with said capacitor means for discharging said capacitor means with a predetermined time constant when actuated for reducing said voltage, said predetermined time constant being related to the rate of heat dissipation in said conductor when the current in said conductor falls below a predetermined value, and control means for actuating said switchable memory means when said conductor current is below said predetermined value and for deactivating said switchable memory means when said current is above said predetermined value so that substantially, none of said charging current flows therethrough.



Compl. Specn. 29 pages. Drgs. 4 sheets

Cl. : $55D_2$ 171399

Int. Cl.[5] : A 01 N 27/00, 31/02, 35/02, 49/00.

METHOD FOR PREPARING A POLYMER COMPOSITION FOR THE CONTROLLED RELEASE OF A SIGNAL SUBSTANCE.

Applicant : NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETEN-SCHAPPELIJK ONDERZOEK TNO. OF JULIANA VAN STOLBERGLAAN 148, 5295 CL THE HAQUE, THE NETHERLANDS.

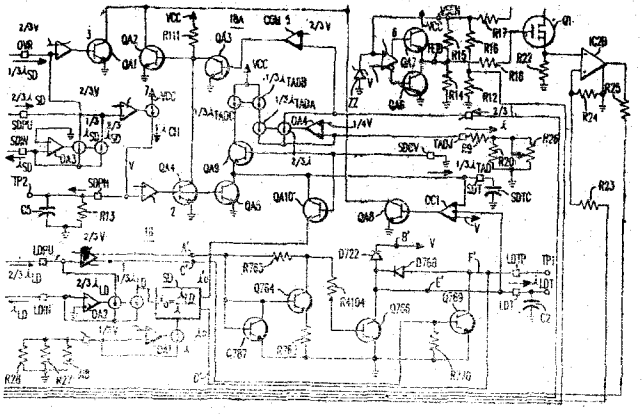
Inventor : PETRUS SIGBERTUS MARINUS DERKS.

Application No. 591/Cal/1990, filed on July 16, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

6 Claims

Method of preparing of polymer composition for the controlled release of a signal substance i.e. a semiochemical, physically entrapped in said polymer composition, to the environment for attracting insects and other organisms, wherein a prepolymer which is a monomeric compound, such as decamethylene dimethacrylate and triethyleneglycol diacrylate. or a polymeric compound, such as polyalkene, polyether, polyster and like polymer having a relatively low degree of polymerization, to which the crosslinkable groups are bonded, is mixed with said signal substance and optional auxiliaries and stabilizers comprising UV absorbers, antioxidants, pigments and the like in a predetermined proportion and the mixture thus obtained is crosslinked in a manner which is known per se, but unknown for a mixture containing a signal substance, such that the device produced is substantially free of any residues of the initiators such as photo initiators and thermal initiators, when applied in said mixture.



Compl. Specn. 19 pages. Drgs. 7 sheets

Cl. : 29 D. 171400

Int. Cl.[4] : G 06 F 9/00.

PROCESS MONITORING AND CONTROL SYSTEM.

Applicant : HITACHI LTD. OF 6, KANDA SURUGADAI 4-CHOME, CHIYODA-KU TOKYO, JAPAN.

Inventors : (1) HISANORI MIYAGAKI, (2) KATSUHITO SHIMIZU, (3) HARUYA TOBITA, (4) ATSUSHI TAKITA, (5) TOORU KIMURA, (6) AKIRA SUGANO, (7) MASAYUKI KIKUCHI, (8) MASAYUKI FUKAI.

Application No. 936/Cal/1988; filed on November 10, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

14 Claims

Process monitoring and control system comprising a computer control unit for data therein, a display unit, a touch screen control unit, a plurality of switches associated with a signal input unit, process output control unit, process input control unit, each said unit being coupled to the computer control unit, said system including a plant having a plurality of control devices for said process output unit and a plurality of detectors for said process input unit, said computer control unit comprising the blocks of :

(i) a control device screen display block associated with a control device condition receiving block which in turn has coupled thereto a process input control unit for displaying a control screen on the basis of the position of the control device operation received from said process input control unit thorugh said control device condition receiving block, in accordance with a control screen data table;

(ii) a touch positoin receiving block coupled to a touch screen control unit for receiving the touch position data from said touch screen control unit;

(iii) a control frame decision block associated with said touch position receiving block and said control screen data table for deciding which control frame has been selected on the basis of the data from said touch position receiving block;

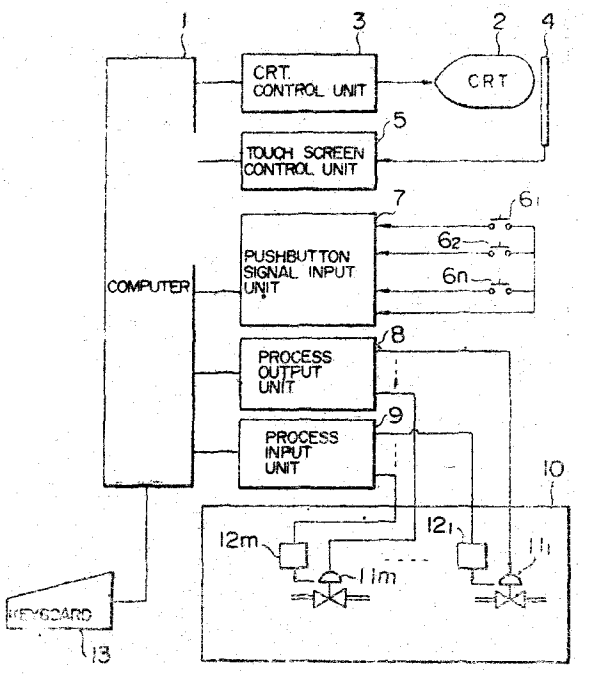
(iv) a control data decision block coupled to said control frame decision block for deciding control data selected on the basis of the data from said touch position receiving block;

(v) a selecting operation storage table coupled to and for storing the results of the decision made by said control frame decision block and said control data decision block;

(vi) a switch signal receiving block associated with and for receiving switch signals from said plurality of switches;

(vii) a switch decision block in line with said switch signal receiving block for deciding which switch is selected and for deciding a control frame for which a control signal is to be produced; and

(viii) there being provided, associated to said switch decision block and said selecting operation storage table; a control signal generation/output block for producing and outputing said control signal to said process output control unit on the basis of said decided control frame and said control data stored.



Compl. Specn. 33 pages. Drgs. 22 sheets

Ind. Cl. : 77 D. 171401

Int. Cl.[1] : C11B 1/04.

A PROCESS FOR REFINING CAUSTIC-TREATED OR CAUSTIC-REFINED GLYCERIDE OILS.

Applicant : W.R. GRACE & CO.—CONN, FORMERLY KNOWN AS W.R. GRACE & CO., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF CONNECTICUT, U.S.A. OF 1114, AVENUE OF THE AMERICAS, NEW YORK, NEW YORK 10036, U.S.A.

Inventors : WILLIAM ALAN WELSH & JAMES HARLOW BOGDANOR.

Application for Patent No. 346/DEL/87 filed on 21 Apr 1987.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

A process for refining caustic-treated or caustic-refined glyceride oils of the kind such as herein described by removal of soaps and phospholipids together with associated metal ions therefrom, said process comprising contacting said oils with amorphous silica of the kind such as herein described, allowing said soaps and phospholipids to be adsorbed onto the amorphous silica, and separating in any known manner the adsorbent-treated oil from the adsorbent.

Compl. specn. 28 pages; Drg. 2 sheets

Ind. Cl. : 40 B 171402

Int. Cl.[1] : B01J 21/10.

A PROCESS FOR PREPARING A SOLID CATALYST COMPONENT.

Applicant : SHELL OIL COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A. OF 900, LOUISIANA, HOUSTON, TEXAS 77001, UNITED STATES OF AMERICA.

Inventor : ROBERT CHARLES JOB.

Application for Patent No. 497 Del 87 filed on 09 Jun 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

3 Claims

A process for preparing a solid catalyst component comprising magnesium, titanium and halogen, for use in the polymerization of olefins, by (a) reacting a magnesium compound with a halogen compound of tetravalent titanium in the presence of an electron donor of the kind such as herein described and optionally a halohydrocarbon of the kind such as herien described. (b) contacting the resulting halogenated product with a halogen compound of tetravalent titanium, (c) washing the resulting product to remove unreacted titanium compounds in a manner known per se and (d) recovering the solid catalyst component in a manner known per se characterised in that there is used in step (a) a stable crystalline magnesium compound of the formula $(Mg_4 (OR)_8 (R' OH)_{10}X$, wherein X is at least one counter ion and has a total charge of -2 and R and R' which may be the same or different, are alkyl groups of 1 to 4 carbon atoms.

Compl. Specn. 29 pages; Drg. 1 sheet

Ind. Cl. : 40 H. 171403

Int. Cl.[1] : C01B 21/00 & 21/04.

PROCESS FOR THE PRODUCTION OF A NITROGEN GAS STREAM FROM A RAW GAS STREAM.

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC, A BRITISH COMPANY, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1P 3JF, ENGLAND.

Inventor : ALWYN PINTO.

Application for Patent No. 728 Del 87 filed on 20 Aug 1987.

Convention date 27 Aug 1986/8620686/U.K.

Appropriate Office for Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

10 Claims

A process for the production of a nitrogen gas stream from a raw gas stream containing nitrogen, carbon diaxide, combustible gas including hydrogen and optionally also methane and/or carbon monoxide, and optoinally argon, said process comprising :

(a) separating, by pressure swing adsorption, said raw gas stream into a first gas stream containing at least nydrogen and a second gas stream containing carbon dioxide, at least some of the nitrogen, and some of said combustible gas;

(b) combusting the second gas stream with an oxygen containing gas, the quantity of the latter being just sufficient to ensure compelte combustion, said combustion being effected catalytically by passage of said second gas stream and said oxygen containing gas over a catalyst of a supported platinum group metal at a pressure in the range 1 to 10 bar abs.;

(c) removing carbon dioxide from the second gas stream before and/or after combustion; and

(d) after the catalytic combustion, cooling the combusted second gas stream so as to condense water, and thereafter separating the condensed water, thereby giving the desired nitrogen gas stream.

Compl. Specn. 12 pages; Drg. 1 sheet

Ind. Cl. : 206 E LXII. 171404

Int. Cl.[4] : H O I L 49/00.

A LEAD TAPE ASSEMBLY FOR ELECTRICALLY CONNECTING A SEMICONDUCTOR CHIP TO THE LEADS OF A SUBSTRATE.

Applicant : DIGITAL EQUIPMENT CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA, OF 146 MAIN STREET, MAYNARD, MASSACHUSETTS 01754, UNITED STATES OF AMERICA.

Inventors : DAVID LOUIS HALLOWELL AND JOHN WILLIAM SOFIA.

Application for Patent No. 750/DEL/87 filed on 25th August 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

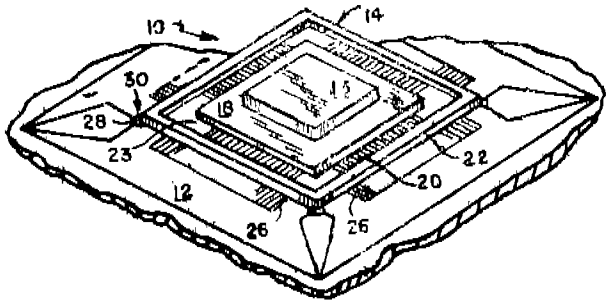
14 Claims

A lead tape assembly for electrically connecting a semiconductor chip (13) to the leads (26) of a substrate (24), the lead tape assembly (14) having at least one tape section (12/24) comprising :

(a) a plurality of conducting fingers (16) for electrically connecting bond points on the semiconductor chip (13) to substrate leads (26) on the substrate (12/24), each conductive finger (6) having an inner lead (38) for bonding to a semiconductor chip (13) bond point, and an outer lead (20) spaced from the inner lead (38) for bonding to a substrate lead (26);

(b) an inner support ring (18) over said conductive fingers (16) between said inner leads (38) and said outer leads (20), said inner support ring (18) providing an aperture (36) for receiving a semiconductor chip (13), said inner leads (38) extending into said aperture (36);

(c) an outer support ring (22) over the ends of the outer leads (20) for restricting the movement of the individual outer leads (20).



Compl. specn. 14 pages; Drg. 1 sheet

Ind. Cl. 170-D XLIII (4) 171405

Int. Cl.[5] :C 11 D9/00, 11/00.

TOILET SOAP COMPOSITION IN BAR FORM HAVING IMPROVED PROPERTIES.

Applicant COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 300 PARK AVENUE, NEW YORK-10022, UNITED STATES OF AMERICA.

Inventor GREGORIO CUEVAS GERVASIO.

Application for Patent No. 751/DEL/87 filed on 25th August, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims.

A toilet soap composition in bar form having improved cold water lathering properties, improved stability on storage, improved plasticity, enhanced mildness to the skin and resistance to excessive sloughing when deposited wet on a soap dish which comprises on a percentage by weight basis

at least 70% of a sadium soap consisting of a saponified topped distilled coco fatty acid containing no caproic and caprylic acids and less than 2% capric acid;

from 4% to 14% of a free topped, distilled coco fatty acid; from 6% to 16% water; and

upto 8% adjuvents of the kind described herein.

(Complete Specification 22 Pages Drawing Sheet one).

Ind. Cl. 27 C. 171406

Int. Cl. E 01 C 19/00.

A CONCRETE PAVING MACHINE.

Applicant GOMACO INDIA PRIVATE LIMITED, AN INDIAN COMPANY OF 908, ANSAL BHAVAN, 16, KASTURBA GANDHI MARG, NEW DEHLI-110001.

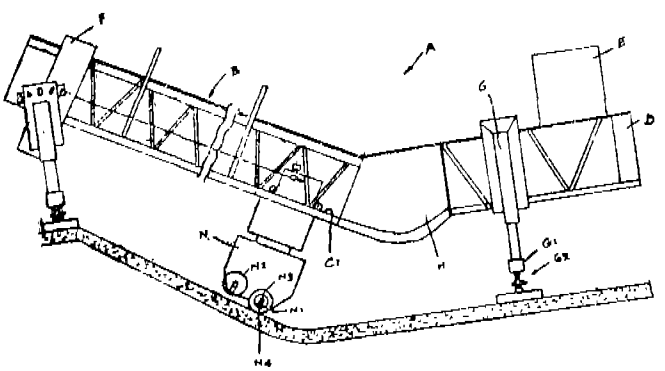
Inventor RAVI GANDHI.

Application for Patent No. 832/DEL/87 filed on 22nd September, 1987.

Appropriate office for opposition proceedings (Rules 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims.

A concrete paving machine comprising a structure (A) consisting of a plurality of frame panels (B) removably secured to each other, a drive console provided with one end panel of said structure for providing a movement to said structure along a pair of rails (C), an idler end panel (F) provided at the opposite end of said structure, a movable carriage provided on said pair of rails supported on said structure, characterised in that a slope wedge frame provided between the ends of the horizontal section and starting of slope section of the said structure, said slope wedge (H) frame having a continuous rail, said moveable carriage having an under carriage supporting a first (N_2) and second (N_1) drum, said second drum being disposed in an offset relationship to said first drum;



(Complete Specification 10 Pages Drawing Sheets 2)

Ind. Cl. : 32 F_3 b. 171407

Int. Cl. : C 07 C 51/1051/12.

AN IMPROVED PROCESS FOR THE PREPARATION OF CARBOXYLIC ACIDS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001.

Inventors : ASUTOSH ANANT KELKAR, RENGASWAMY JAGANATHAN, DEVIDAS SHRIDHAR KOLHE, RAGHUNATH, VITTHAL CHAUDHARY.

Applicant for Patent No. : 848/DEL/87 filed on 24th Sept., 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

15 Claims

An improved process for the preparation of carboxylic acid which comprises reacting an alcohol and carbon monoxide over 5-3000 psig partial pressure of carbon monoxide in the presence of a catalyst consiting of a mixture of a nickel compound a N-containing organic compound, an iodine compound and an organic solvent at 100-300°C recycling the catalyst, recovering the acid by distillation and purifying it by known methods, if desired.

(Complete Specification 14 Pages Drawing Sheets Nil)

Ind Cl. : 6 A 2 XL VII (1). 171908

Int. Cl. : F 04 B 37/00.

A WOBBLE PLATE TYPE COMPRESSOR WITH AN IMPROVED ROTATION PREVENTING MECHANISM.

Applicant : SANDEN CORPORATION, A JAPANESE COMPANY, OF KOTOBUKI-CHO, ISESAKI-SHI, GUNMA, 372, JAPAN.

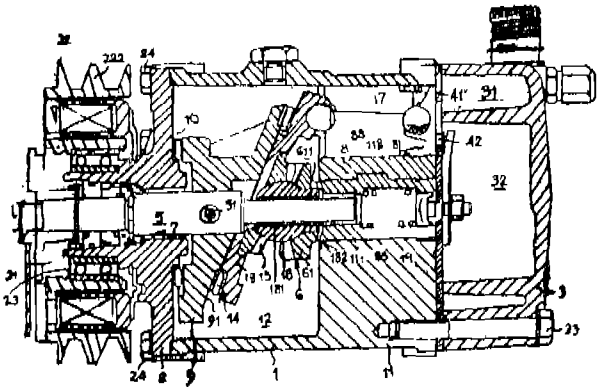
Inventor : KIYOSHI TERAUCHI.

Application for Patent No. : 871/DEL/87 filed on 5th October, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(6 Claims)

A wobble plate type compressor with an improved rotation preventing mechanism having a compressor housing (1), a crank chamber (12) and a cylinder block (11), an axial center bore and a plurality of cylinders axially equiangulary formed around the center bore, a front end plate connected to one end opening of said compressor housing, a cylinder head (3) connected to the other end of said compressor housing, a plurality of pistons slidably fitted with each of said cylinders, a cam rotor disposed within said crank chamber to rotate together with a drive shaft, a wobble plate (15) coupled to said pistons through connecting rods and disposed on the inclined surface of said cam rotor (9) to convert rotating motion of said cam rotor into reciprocating motion of said pistons characterised in that the said rotation preventing mechanism comprising a first bevel gear non-rotatably disposed within said crank chamber in alingment with said center bore of said cylinder block and having a first ball seat portion, a second bevel gear connected to said wobble plate (15) and having a second ball seat portion, said drive shaft extending through said cam rotor and wobble plate to be rotatably supported in said center bore, a spherical member carried on said drive shaft in said crank chamber, said first and second seat portions of said first and second bevel gears being disposed on said spherical member (1, 8) and intermeshing with one another whereby the rotation of said second bevel gear and said wobble plate is prevented by said non-rotatable first bevel gear.



(Complete Specification 14 pages Drawing Sheet 1)

Ind. Cl. : 8 LI (1). 171909

Int. Cl. : G 04 C 3/00, G 04 G 3/00.

A STRIP CONDUCTOR NETWORK ASSEMBLY FOR APPLICATION TO A CIRCUIT BOARD OF AN ELECTROMECHANICAL CLOCK MOVEMENT.

Applicant : JUNGHANS UHREN GMBH, OF GEISSHALDENSTRASSE, 7230 SCHRAMBERG, WEST GERMANY.

Inventors : WOLFGANG HOLZSCHUH, WOLFGANG GANTER.

Application for Patent No. 876/DEL/87 filed on 6th October, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(5 Claims)

A strip conductor network assembly (12) for application to a circuit board of an electromechanical clock movement, said assembly comprising :

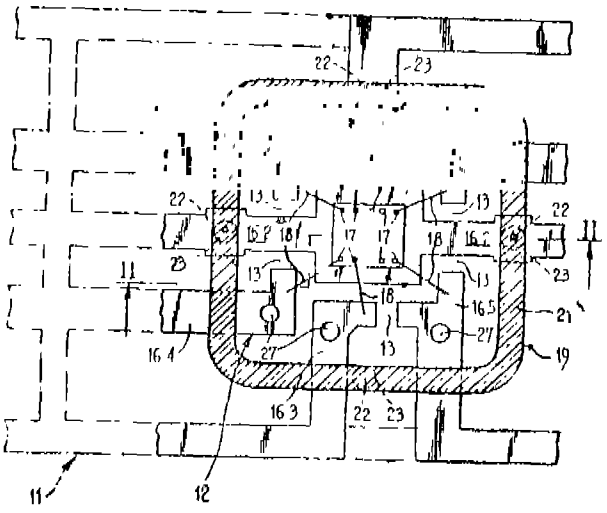
a strip conductor network having first and second sides and having gaps (13) disposed between strip conductors (16) thereof, at least a plurality of said strip conductors (16) having through-holes (23);

a circuit chip (15) mounted on said first side of said network, and

bond wiring (18) connecting said circuit chip (15) with said network,

characterised in that only first side of said network being overlain by a protective cap (19), said protective cap (19) having plurality of pins (22) frictionelly mounted in said holes (23), and

an inner surface (24) of the said protective cap (19) spaced from said chip (15) to form a closed cavity thereround, said cavity being filled with a molten plastic material (25) encasing said chip (15) and said wiring (18).



(Complete Specification 14 Pages Drawing Sheet 1)

Ind. Cl. : 25A XXV (1). 171910

Int. Cl : F27D 1/04.

A METHOD OF PRODUCING INSULATION BRICKS FOR LINING FURNACES.

Applicant : BHARAT HEAVY ELECTRICALS LIMITED, BHEL HOUSE, SIRI FORT, NEW DELHI-110 049, an Indian Company.

Inventors : RAMAMURTHI PATTABHIRAMAN, SUBRAMANIAM GOURISHANKAR, KARUTHAN MALARKKAN VADAMALAYAN MALARKKAN.

Application for Patent No. 949/DEL/87 filed on 30th October, 1987.

Appropriate office for oppovition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 2)

A method for producing insulation bricks for lining furnaces comprising mixing fly ash received from thermal power stations, exfoliated vermiculite, bentonite (Type I), and sodium silicate (neutral), adding water to the mix to obtain a semi dry composition, filling moulds with said composition, subjecting the composition to a pressure of 1.5 to 2.0 Kg/Cm2 (g) for producing bricks, trimming and keeping said bricks in open yard for a week and subjecting said bricks to the step of drying at a temperature of 60°C for 4 hours in

hot air, wherein the composition of the mixture being composed of the following :—

Fly ash : 62.5% by weight of the mixture;

Exfoliated vermiculite : 18.75% by weight of the mixture;

Bentonite (Type I) : 12.5% by weight of the mixture;

Sodium Silicate (Neutral) : 6.25% by weight of the mixture;

(Complete Specification 11 Pages Drawing Sheets Two).

Ind. Cl : 127 I. 171911

Int. Cl.[4] : F16J 15/54.

MECHANICAL SEAL FOR PROVIDING A FLUID TIGHT SEAL BETWEEN A PAIR OF RELATIVELY ROTATABLE COMPONENTS.

Applicant : CRANE PACKING LIMITED, a British company, of Crossbow House, 40 Liverpool Road Slough SL1 4QX, England.

Inventors : DAVID JAMES LOWE & JOHN KEMP.

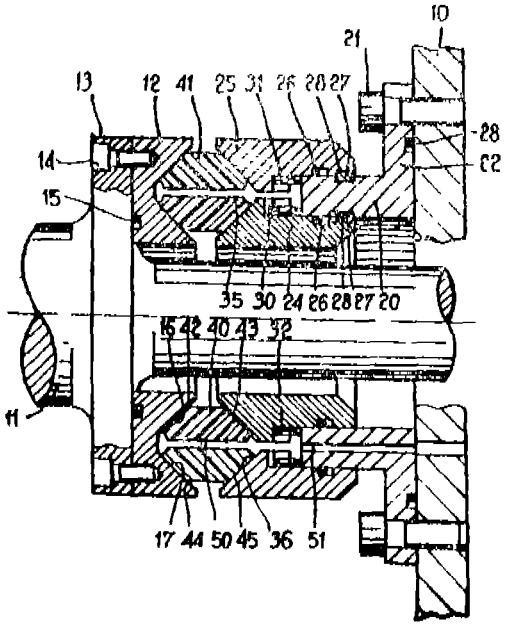
Application for Patent No. 555 DEL 87 filed on 1st Jul 1987.

Convention date 05 Jul 1986/8616458/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 19)

A mechanical seal for providing a fluid tight seal between a pair of relatively rotatable components comprising : a first seal means (12) mounted in fixed rotational relationship and sealed with respect to one of said components (10, 11) said first seal means defining a pair of inclined concentric annular sealing (16, 17) faces; a second seal (4, 25) means mounted in fixed rotational relationship and sealed with respect to said other component (10), said second seal means defining a pair of inclined concentric annular sealing (35, 36) faces, the faces on said second seal means being movable axially relative to the two components (10, 13); each sealing (16, 35) face on the first seal means being axially aligned with a sealing face (17, 36) on the second seal means, a pair of radially spaced third seal (40, 41) members, each third seal member being located between and free to rotate relative to a pair of aligned sealing faces of the first and second seal means, the second seal means including spring (32)means to urge the sealing faces of the second seal means axially towards the sealing faces of the first seal means so as to maintain both faces (42, 43) of the third seal members in sealing engagement with the faces of the first and second seal means.



(Complete Specification 14 pages drawing sheet 1).

Ind. Cl. : 127 I. 171912

Int. Cl.4 : F16J 15/54.

MECHANICAL FACE SEAL FOR PROVIDING A FLUID TIGHT SEAL BETWEEN A PAIR OF RELATIVELY ROTATABLE COMPONENTS.

Applicant : CRANE PACKING LIMITED, a British company, of Crossbow House, 40 Liverpol Road, Slough SL1 4QX, England.

Inventors : DAVID JAMES LOWE & JOHN KEMP.

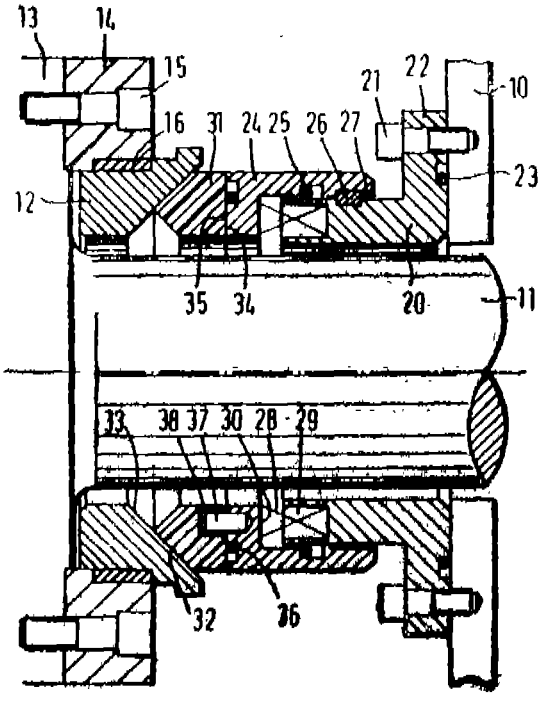
Application for Patent No. 558 DEL 87 filed on 01 July 1987.

Convention date 05 Jul 1986/8616459/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 19)

A mechanical face seal for providing a fluid tight seal between a pair of relatively rotatable components (10, 11) comprising; at least one seal assembly having a first seal face member (12) mounted in fixed rotational and radial relationship to one of said components and sealed with respect thereto abutment means (24) mounted in fixed rotational and radial relationship to the other component (10) and sealed with respect thereto; a second seal face member (31) interposed between the first seal face member (12) and the abutment means (24); said second seal face member (31) having oppositely directed faces (32, 34), one of said faces (32) sealingly engaging a corresponding face (33) on the first seal face member (12) and being maintained in engagement therewith by spring means (28) which applies an axial load to the first (12) and second (31) seal face members, the other face (31) being sealed with respect to a corresponding face (35) on said abutment means (24), inter-engaging formations (32) being provided on the second seal face member (31) and abutment means (24) by which rotational movement may be transmitted from one to the other while permitting limited radial movement of the second seal face member (31) relative to the abutment means (24); one of said faces (32) of the second seal face member (31) and the corresponding face (33) of the first seal face member (12) or abutment means (24) being inclined to the axis of the seal, so that under the axial load applied by the spring means (28) a radial load will be applied to the second seal face member (31).



(Complete specification 19 pages drawing sheets 4).

Ind. Cl : 50 F 2 VII (1) 171913

Int. Cl. F 25 B 1/00

AN IMPROVED WOBBLE PLATE TYPE REFRIGERANT COMPRESSOR.

Applicant : SANDEN CORPORATION, A JAPANESE COMPANY, OF 20 KOTOBUKI-CHO, ISESAKI-SHI, GUNMA 372, JAPAN.

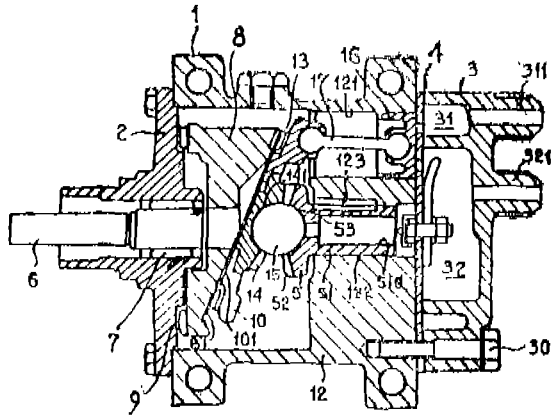
Inventor : YOSAIYUKI SAITO.

Application for Patent No. 604 Del/87 filed on 16-7-87.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

3 Claims

An improved wobble plate type refrigerant compressor comprising a compressor housing (1) having a cylinder block provided with a plurality of cylinders (2) and a crank chamber adjacent said cylinder block (12); reciprocative pistons (16) slidably fitted within each of said cylinders; a drive shaft supported within a front end plate (2) which is mounted on one end portion of said compressor housing; a cam rotor (8) mounted on an inner end of said drive shaft (6) and having an inclined end surface; a wobble plate disposed in proximity with said inclined end surface and having a centered first bevel gear (14); a second bevel gear (52) supported on said cylinder block (12) and coupled with said first bevel gear so as to nutatably support said wobble plate (10); and rods (17) connecting respective pistons (16) to said wobble plate; characterised in that the said first bevel gear being located with respect to said wobble plate so that said connecting rods (17) are inclined relative to the axis of said cylinders (12) to provide a torque transmitted to said wobble plate in a direction opposite to a rotational drag created in said wobble plate (10) by said cam rotor (8), said wobble plate has an edge along which are located receiving portion (102) and said first bevel gear is located with respect to said wobble plate so that a line connecting the center point of the said bevel gear (14) to a point located at the center between two teeth of said first bevel gear has a point on said wobble plate between two said receiving portions (102) which is shifted within the range of 5° in a rotational direction of said drive shaft (6) from a central point between two said receiving portions (102).



Comp Specn. 12 pages Drgs. 6 sheets

Ind. Cl. : 10 B XXXIX (2) 171914

Int. Cl. : F 42 B 13/04

ARMOUR PIERCING SHELL.

Applicant : AB BOFORS, A JOINT STOCK COMPANY ORGANIZED UNDER THE LAWS OF SWEDEN, OF S-691 80 BOFORS, SWEDEN.

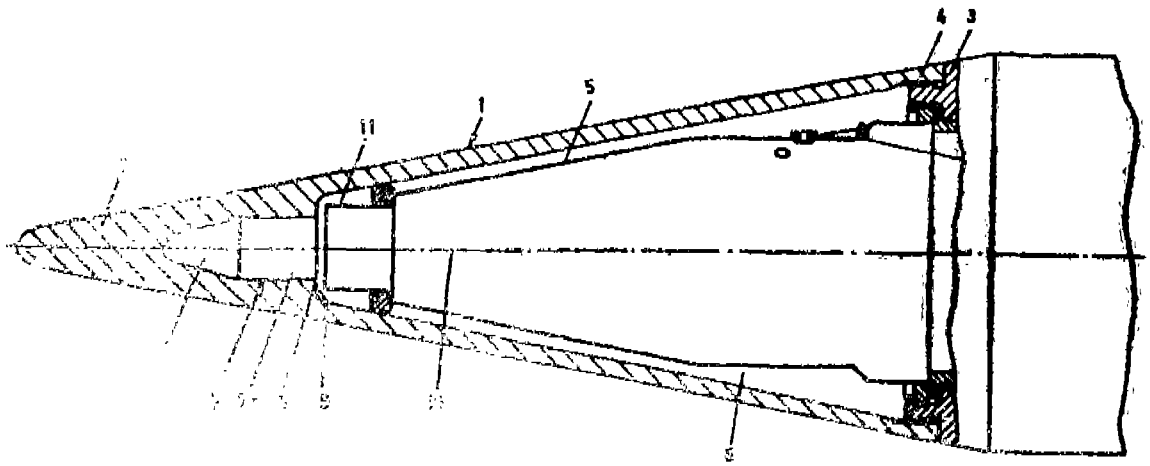
Inventors : HANS-ERIK KROPP, HANS GUSTAFSSON, KENNETH ANDERSSON.

Application for Patent No. 618/Del/87 filed on 20-7-1987.

Appropriate office for opposition proceedings (Rule 4,, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

4 Claims

Armour piercing explosive shell comprising a hollow charge, a nose cone with a reinforced tip (2) for mechanical penetration of active armour and an impact contact member located in the nose cone said impact contact member comprising an outer sheath incorporated in the outer casing of the shell and an inner sheath (5) located at a distance from the outer shell and isolated therefrom, said sheaths forming a passive end contact in the ingnition system for the hollow charge for initiating the hollow charge upon impact of the shell against a target characterized in that the nose cone has an inner shoulder (8) and the front part of the nose cone has increased wall thickness with respect to the rear part and that the front part of the impact contact member is located behind said shoulder.



Compl. Specn. 9 pages Drgs. 2 sheets

Ind. Cl. : 35 B XXV (2) 171915

Int. Cl.[5] : C 04 B 7/19.

A CEMENT COMPOSITION FOR USE IN BORE HOLES.

Applicant : ENTREPRISE GAGNERAUD PERE & FILS., A FRENCH COMPANY, OF 7 9 RUE AUGUSTE MAQUET, 75016 PARIS, FRANCE AND TOTAL (CIE FCE DES PETROLES), A FRENCH COMPANY, OF 5, RUE MICHEL ANGE, 75016 PARIS, FRANCE.

Inventors : MICHEL HOUSSEL, DANIEL BAFFREAU.

Application for Patent No. 675/Del/87 filed on 31-7-1987.

Appropriate office for opposition proceedings (Rule 4,, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

3 Claims

A cement composition for use in bore holes, comprising from 5 to 90% by weight of a blast-furnace slag, having a verification rate of from 90 to 100% and from 10 to 50% by weight of a portland cement, said portland cement consisting of upto 6% by weight of a magnesium oxide, upto 3% by weight of a sulphur trioxide, upto 0.75% by weight of an insoluble residue such as herein described, from 48 to 65% by weight of a tricalcium silicate, upto 3% by weight of a tricalcium aluminate, upto 24% by weight of tetracalcium aluminoferrite, dicalcium ferrite, and tricalcium aluminate taken together, the amount of said tricalcium aluminate being twice the amount of said ferrites, and upto 0.75% by weight of alkalies calculated as sodium oxide equivalents, said ground blast-furnace slag and said portland cement having a similar mesh size, comprised between 2,800 and 3,000 cm^2/g.

Compl. Specn. 22 pages Drgs. 6 sheets

Ind. Cl. : 95 H. 171916

Int. Cl[4] : B26B 21/24 & 21/40.

CARTRIDGE FOR A PIVOTING HEAD RAZOR.

Applicant : WARNER-LAMBERT COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 201 TABOR ROAD, MORRIS PLAINS, NEW JERSEY 07950, UNITED STATES OF AMERICA.

Inventor : FRANK A. FERRARO.

Application for Patent No. 690/Del/87 filed on 07 Aug 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

A cartridge for a pivoting head razor, said razor including a razor handle and said razor handle in turn including means for pivotilly attaching thereto said cartridge and biased cam follower means, said cartridge comprising in combination :

(a) at least one blade having a blade edge;

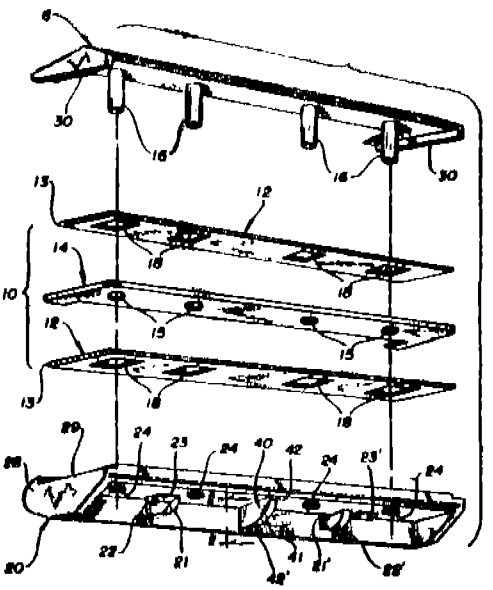
(b) a cap overlaying said blade;

(c) a blade seat for supporting said blade;

(d) a guard bar extending outward beyond the exposed edge from said seat; and

(e) securing means for joining said blade, seat and cap in a predetermined spatial relationship.

with the under surface of said blade seat having a substantially rectangular perimeter, said under surface including pivotable attachment means for engaging said handle positioned at or near each cartridge end, and a cam which is arcuate in cross-section positioned between said attachment means, said cam having a single flat face with continuous outward curve constituting a cam follower track along the entire extent of the cam, said cartridge maintaining the orientation obtained during shaving after the cartridge is removed from the face due to the lack of biasing force to direct the cam back to a central position.



Compl. Specn. 9 pages Drg. 1 sheet

Ind. Cl. : 95 H 171917

Int. Cl.[4] : B26B 21/52

RAZOR FOR A PIVOTABLE BLADE CARTRIDGE.

Applicant : WARNER-LAMBERT COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF, OF 201 TABOR ROAD, MORRIS PLAINS, NEW JERSEY 07950, UNITED STATES OF AMERICA.

Inventor : VINCENT COSMO MOTTA.

Application for Patent No. 691/Del/87 filed on 07 Aug 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

17 Claims

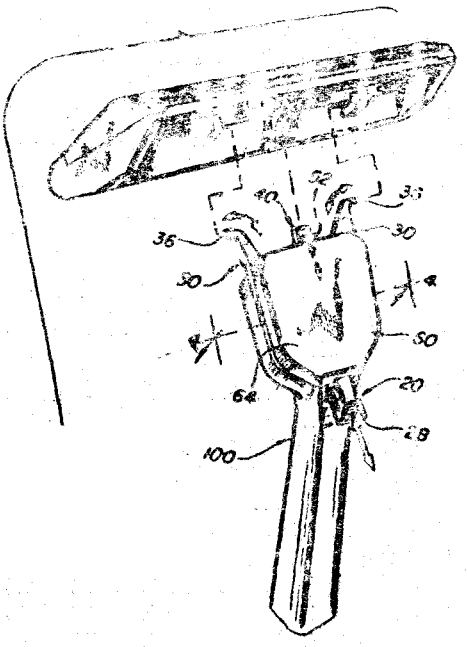
A razor for a pivotable blade cartridge comprising in combination :

(a) a frame (100):

(b) journal attachment means (30) for pivotal attachment of the handle to the blade cartridge through mating means on the bottom of the cartridge;

(c) cam follower means (40, 41) for engaging a V-shaped cam positioned between journal mating means on the bottom of the cartridge; and

(d) releasable locking means (50, 52, 59) provided in said frame (100) for preventing the attached cartridge from pivoting in either direction.



Compl. Specn. 13 pages Drgs. 5 sheets

Ind. Cl. : 95 H 171918

Int. Cl.[4] : B 26 B 21/14, 21/18

RAZOR BLADE SHAVING ASSEMBLY.

Applicant : WARNER-LAMBERT COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA OF 201 TABOR ROAD, MORRIS PLAINS, NEW JERSEY 07950, UNITED STATES OF AMERICA.

Inventor : FRANK A. FERRARO.

Application for Patent No. 692/Del/87 filed on 7th Aug, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

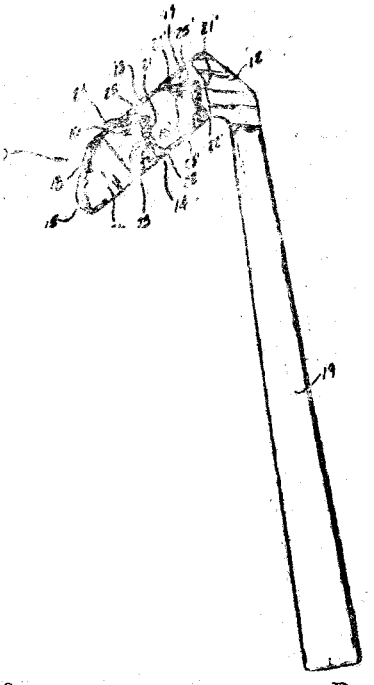
A razor blade shaving assembly (10) which comprises :

(a) a frame (13) composed of an essentially flat bottom portion (14) and, extending upward from said bottom portion, a front portion (15) and a back portion (12), the inner faces of said front and back portions (15, 12) defining there between a hollow central portion, said front portion (15) including a guard bar (18) formed on the top of said portion (15);

(b) a first blade support (21) mounted on said bottom portion (14) and extending upward to support a first blade (24), said first blade support (21) being provided with pivoting means (22) which allows movement of said first blade (24) along a predetermined path to change the span of said first blade (24) in response to pressures exerted during shaving; and

(c) a second blade support (21') mounted on said bottom portion (14) and extending upward to support a second blade (24'), said second blade support (21') being provided with pivoting means (22') which allows movement of said second blade (24') along a predetermined path to change the span of said second blade (24'), said change in span of said second blade (24') being independent of the change in span of said first blade (24) by virtue of the sequential pressures exerted on the blades during shaving.

3—267GI/92



Compl. Specn. 8 pages Drgs. 2 sheets

Ind. Cl. : 63 I LVII (1) 171919

Int. Cl.[4] : H 02 K 51/00.

AN IMPROVED PRIMEMOVER ASSEMBLY.

Applicant : GONSALVES ALPHONS NERY, RESIDING AT 8-KHANNA BUILDING, NEW ROHTAK ROAD, KAROL BAGH, NEW DELHI-110 005.

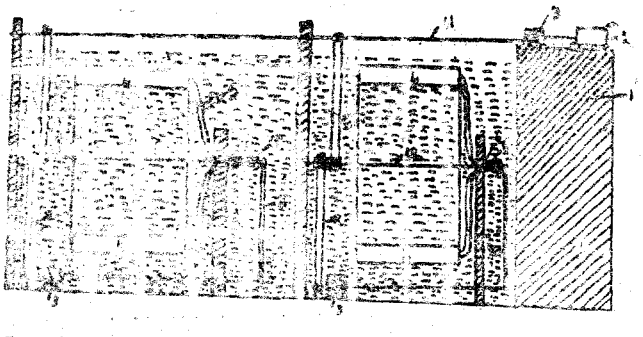
Inventor : GONSALVES ALPHONS NERY.

Application for Patent No. 723/Del/87 filed on 19th Aug, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

6 Claims

An improved primemover assembly comprising a foundation in underwater, the foundation housing in it a rotatable central bar having a plurality of even number of cylinders located at a predetermined radial distal end from the said central bar, each said cylinder being provided with two opposed pistons, which move in and out from its outer end, each of said pistons deriving their reciprocating motion from a hydraulicoil pump through individual hydraulic jack, the said oil pumps being connected to respective pipes and to a suitable special bearings; the said hydraulic pump alongwith the special bearing being positioned at one end of the said central bar, the said central bar having wheel at the end opposite to the end where said hydraulicoil pump is positioned, the said wheel being connected on one side to an another main shaft above the surface of water level through drive belts so as to rotate any required machine or motor and the wheel being also again connected through drive belts to a gear box which in turn is connected to the hydraulic pump.



Compl. Specn 16 pages Drg. 1 sheet

Ind. Cl. : 10 A XXXIX (2) 171920

Int. Cl. : F 42 B 29/00.

A MACHINE FOR CARTRIDGING PARTICULARLY STICKY EXPLOSIVE MATERIALS HAVING A POOR FROM STABILITY.

Applicant : DYNO INDUSTRIER A/S., A NORWEGIAN JOINT STOCK COMPANY, OF GULLAUG, P.O. BOX 1076, N 3001 DRAMMEN, NORWAY.

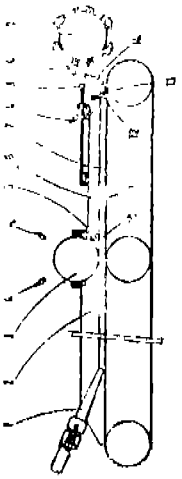
Inventors : KJELL GUNNAR HANTO, JORGEN SKJORDAL, DAGFINN NYSETER, JAN HANS VESTRE.

Application for Patent No. 868/Del/87 filed on 1-10-1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

3 Claims

An improved machine for cartridging particularly sticky explosive materials having poor form stability which comprises : a conveyor belt (11) for conveying a rolled shape of said explosive material having uniform thickness; a movable knife (12) located above the delivery end of said conveyor belt (11) for cutting said explosive material into slabs (13) having substantially the shape of a finished cartridge; a cradle (14) co-operating with pushing means (8) provided at the delivery end of said conveyor belt (11) for receiving cut slabs of explosive material pushed off said conveyor belt (11) by said pushing means; and a wrapping head (9) associated with said cradle for receiving each cut slab (13) of explosive material and drapping and folding it within a cartridge paper characterised in that a porous covering covers each of said moveable knife (12), said cradle (14), said pushing means (8) and said wrapping head (9) which covering prevents said parts from direct contact by said explosive material and means for the supply of water connected to and adjacent said parts for wetting the surface of said porous covering contacting said explosive material.



Compl. Specn. 12 pages Drg. 1 sheet

REFUSAL OF PATENTS UNDER SECTION 27

A grant on Application for Patent No. 167097 (211/MAS/86) dated 24th March, 1986 made by M/s. IDL Chemicals Ltd. has been refused under Section 27 of the Patents Act, 1970.

PATENT SEALED ON 04-09-92

168090 168446 168447 168462 168536 168939 168971 168976* 168986 169012 169013 169063 169135 169137* 169140* 169174* 169244* 169249 169254 169275 169279* 169293*T 169301 169306* 169307* 169308* 169332 169333* 169334* 169335 169337* 169340* 169362* 169545 160286*D 160288*D.

Ca—116, Del—09, Mas—09 and Bom—02.

*Patent shall be deemed to endorsed with the words "LICENCE OF RIGHT" Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—DRUG PATENT, F—FOOD PATENT

ENDORSEMENT OF PATENTS WITH THE WORDS "LICENCE OF RIGHT" UNDER SECTION 87 OF THE PATENTS ACT—1970.

154467 153717 154593 155855 153750 153996 154089 155165 155438 155359 155001 150515 149652 148722 158169 158690 157770 158241 158324 158589 157990 157147 158708 158647 158189 158987 159021 159041 159303 159313 159315 158909 158910 158911 159146 159179 159285 159288 159318 159282 159317 159319 159293 158865 158827 159321 159207 159020 159196 158776 159033 159372 159391 159401 159510 159601 159641 159600 159684 159662 159690 159721 159724 159786 159706 159708 159709 159733 159762 159673 159806 159808 159818 159823 159884 159840 159389 159467 159537 159562 159611 159713 159714 159734 159764 159781 159782 159985 159334 159874 159876 159879 159885 159891 159917 159921 159926 159933 159938 159971 160004 160043 160051 160066 160070 160096 160099 160101 160104 160105 160107 160127 160129 160131 160133 160137 160010 160019 160024 160025 160027 160030 160038 160050 160052 160074 160076 160139 160141 160168 160169 160173 160192 160247 160248 160249 160250 160251 160280 160281 160283 160311 160347 160348 160358 160402 160415 160419 160421 160430 160432 160433 160434 160449 160542 160551 160581 160584.

RENEWAL FEES PAID

148995 149236 149693 149711 150448 151769 152939 153086 153124 153125 153691 153999 154070 154591 154780 154815 154880 154912 154913 155038 155231 155264 155285 155461 155567 155765 155771 156085 156195 156340 157306 157611 157621 157985 158412 158413 158507 158598 159682 159784 159894 160000 160001 160029 160591 160653 160727 160917 161125 161144 161170 161198 161356 161366 161433 161534 161652 161718 161933 162220 162318 162484 162745 162870 163251 163318 163430 163637 163755 163756 163757 163759 163874 164249 164379 164382 164384 164462 164625 164719 164726 164929 164940 164956 164957 164959 165095 165101 165105 165106 165107 165135 165137 165261 165270 165308 165544 165551 165591 165818 166013 166076 166210 166219 166331 166392 166699 166700 167176 167179 167228 167257 167284 167290 167328 167394 167410 167412 167437 167448 167449 167456 167457 167544 167591 167602 167637 167672 167704 167711 167723 167815 167845 167850 167874 167905 168033 168093 168124 168285 168370 168435 168593 168594 168602 168664 168667 168668 168670 168681 168686 168687 168688 168690 168691 168694 168695 168697 168699 168711 168816 168817 168818 168844.

CESSATION OF PATENTS

154879 154956 155405 155450 155458 155858 156007 156008 156013 156019 156133 156282 156404 156407 156417 156420 156424 156428 156446 156500 156504 156521 156588 156963 157215 157365 157371 157373.

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 159179 dated the 2nd April 1984 made by Prem Dutta Grover on the 7th March, 1991 and notified in the Gazette of India Part III, Section 2 dated the 26th October 1991 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 159809 dated the 25th July 1983 made by Khosla Engineers on the 7th June 1991 and notified in the Gazette of India Part III, Section 2 dated the 9th November 1991 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 161367 dated the 13th November 1984 made by Schubert Salzer Maschinenfabrik Ag. on the 10th November 1989 and notfiied in the Gazette of India Part III, Section 2, dated the 2nd May 1992 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 163392 dated the 2nd April 1985 made by Dr. Sneh Anand & Sujoy Kumar Guha on the 5th March 1991 and notified in the Gazette of India Part III Section 2 dated the 26th October 1991 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 164262 dated the 16th April 1985 made by Vallourec on the 6th March 1991 and notified in the Gazette of India Part III, Section 2, dated the 26th October 1991 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 164537 dated the 16th April 1986 made by Phenoweld Polymer Private Ltd. on the 24th February 1992 and notified in the Gazette of India Part III, Section 2, dated the 18th April 1992 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 165915 dated the 22nd November 1993 made by Byung D. Yim on the 10th June, 1991 and notified in the Gazette of India Part III, Section 2 dated the 9th November 1991 has been allowed and the said Patent retsored.

Patent Nos. 153418 and 153419 have been revoked by the dictated order dated 27-7-1992 of High Court of Delhi under Section 64 of the Patents Act, 1970.

Name Index of Application for Patents in respect of Patent Office Calcutta & its branches for the month of April 1992 (Nos. 213/Cal/92 to 300/Cal/92. 103/Bom/92 to 140/Bom/92. 201/Mas/92 to 256/Mas/92 and 293/De/92 to 382/Del/92).

Name and application No.

CALCUTTA.

(213/Cal/92 to 300/Cal/92)

—A—

A & F Foglein Kerteszeti BT.—254/Cal/92.

ABB Lummus Crest Inc.—235/Cal/92.

Alian International Aktiengesellschaft.—268/Cal/92.

Atochem North Amercia, Inc.—260/Cal/92.

—B—

Babcock & Wilcox Co., The.—244/Cal/92 & 277/Cal/92.

Babcock-Hitachi Kabushiki Kaisha.—273/Cal/92.

Bhamra, R.S. (Mr.).—234/Cal/92.

Birdman Chemeng Pvt. Ltd.—239/Cal/92.

Bowman, R.H.—267/Cal/92.

—C—

Chakraborty, A.K.—259/Cal/92.

Choudhuri, P.B.—233/Cal/92.

Chung, S Y.—237/Cay/92.

Company 'A' Foam Ltd.—280/Cal/92.

Copeland Corporation.—271/Cal/92.

—D—

Degussa Aktiengesellschaft.—274/Cal/92.

Deutsche Thomson-Brandt GmbH.—230/Cal/92 & 232/Cal/92.

—E—

E.I. Du Pont De Nemours & Co.—216/Cal/92, 223/Cal/92, 238/Cal/92 & 257/Cal/92.

Elopak Systems AG.—258/Cal/92.

Emerson Electric Co.—247/Cal/92.

Ensign-Bickford Co., The.—278/Cal/92.

Environmental Bioscience Corporation.—248/Cal/92.

—F—

FA. A. Yerschoor.—254/Cal/92.

Flakt India Ltd.—293/Cal/92.

—H—

Harrison, I.A.—240/Cal/92.

Hitachi, Ltd.—261/Cal/92.

Hoechst Aktiengesellschaft.—219/Cal/92, 227/Cal/92, 229/Cal/92, 231/Cal/92, 284/Cal/92, 288/Cal/92 & 298 Cal/92.

Hydroplan Engineering Ltd.—253/Cal/92.

—I—

IBF Integrated Business & Finance SA.—263/Cal/92.

—J—

Jadavpur University & Science & Technology Development.—228/Cal/92.

Jha, K. K.—221/Cal/92.

—K—

Kariv, R.—281/Cal/92.

Kheria, V.K.—296/Ca/192.

—L—

Lesaffre et Cie.—285/Cal/92.

Licentia Patent-Verwaltungs-GmbH.—292/Cal/92.

—M—

Malibu Corporation.—270/Cal/92.

Metallgesellschaft Aktiengesellschaft.—256/Cal/92.

—N—

N. V. Philips' Glocilampenfabrieken.—290/Cal/92.

Nanad, K.—283/Cal/92.

Nenad, M.—283/Cal/92.

Neurogen Corporation.—217/Cal/92 & 218/Cal/92.

Norac Technologies Inc.—300/Cal/92.

—P—

Pal, J.L.—275/Cal/92.

Pannevis, B.V.—255/Cal/92.

Pennwalt Corporation.—294/Cal/92 & 295/Cal/92.

Perio Products Ltd.—281/Cal/92.

Personal Products Co.—287/Cal/92.

Polygram International Holding B.V.—290/Cal/92.

—R—

Rajagopalan, K.—299/Cal/92.

Rohatgi, K.K.—279/Cal/92.

—S—

Sah, R.K.—269/Cal/92.
Samsung Electron Devices Co. Ltd.—224/Cal/92.
Samsung Electronics Co. Ltd.—215/Cal/92.
Santrade Ltd.—220/Cal/92 & 266/Cal/92.
Satake Corporation.—282/Cal/92.
Siemens Aktiengesellschaft.—265/Cal/92.
Sinha, J.P.—241/Cal/92 & 242/Cal/92.
Spindelfabrik Sussen, Schurr, Stahlecker & Grill GmbH.—250/Cal/92.
Stahlecker, F.—249/Cal/92, 251|Cal|92 & 297/Cal/92.
Stahlecker, H.—249|Cal|92, 251|Cal|92 & 297/Cal/92.
Störz, K.—236/Cal/92.
Sued-Chemie AG.—213/Cal/92 & 214/Cal/92.
Sumsung Electronics Co. Ltd.—264/Cal/92.

—T—

Tata Iron & Steel Co. Ltd., The.—221/Cal/92.
Tecnostral S.A.—243|Cal|92, 245/Cal/92 & 246|Cal|92.
Telefunken Fernseh Und Rundfunk GmbH.—252/Cal/92.
Tellkicherla, M.M.—286/Cal/92.
Timex Corporation.—225/Cal/92.
Trico-folberth Ltd.—272/Cal/92.

—U—

University of Leeds, The.—289/Cal/92.

—W—

W.E. Moller & Sons Pty. Ltd.—291/Cal/92.
Weatinghouse Electric Corporation.—276/Cal/92.
Wilburn, M.—226/Cal/92.
Wimmera Industrial Minerals Pty. Ltd.—262/Cal/92.

—Y—

Yamamoto & Co. Ltd.—222/Cal/92.

—Z—

Zarko, V.—283/Cal/92.

BOMBAY

(103/Bom/92 to 140/Bom/92)

—B—

Bajaj Auto Ltd.—125/Bom/92.
Baliga, S.R.—134/Bom/92.
Bhatia, K.B.—129/Bom/92.
Bhave, S.A.—122/Bom/92.

—C—

Chaudhary, T.R.—116/Bom/92 & 117/Bom/92.

—D—

Dhadphale, K. (Mrs.).—126/Bom/92.
Dodia, G.J.—137/Bom/92.
Dodia, N.J.—137/Bom/92.
Dodiya, G.J.—137/Bom/92.
Doshi, H.H.—103/Bom/92.

—G—

Ghodki, A. C. (Shri).—118/Bom/92.
Glenkan Pty. Ltd.—112/Bom/92.
Gogate, M.P.—133/Bom/92.
Gogate, P.G.—133/Bom/92.
Gorwani, G.—135/Bom/92.

—H—

Hindustan Lever Ltd.—111/Bom/92, 123/Bom/92, 131/Bom/92, 132/Bom/92 & 138|Bom|92.

—I—

Indian Oil Corporation Ltd.—120/Bom/92.

—J—

Jariwala, M.I.M.—130/Bom/92.

—K—

Kadam, S.P.—136/Bom/92.
Kagalwala, A.—104/Bom/92.
Kotkar, S.R.—127/Bom/92.

—M—

Mokashi, S.V.—140/Bom/92.
Mukkannavar, U.R.—140/Bom/92.

—N—

Nakhuda, A.G.—119/Bom/92.

—O—

Optimum Technologies Inc.—105/Bom/92.

—P—

Parikh, K.K.—103/Bom/92.
Partidar, R.S.—128/Bom/92.
Pitambare, S.R.—121/Bom/92.
Pradeep, N (Mrs. Dr.).—106/Bom/92.

—R—

Raru Lalvani Engineering Pvt. Ltd. M/S.—124/Bom/92.

—S—

Safari Industries (India) Ltd.—113/Bom/92, 114|Bom|92 & 115/Bom/92.
Sekaran, K.R.C.—107/Bom/92, 108|Bom|92, 109|Bom|92, 110/Bom/92 & 139|Bom|92.

MADRAS

(201/Mas/92 to 256/Mas/92).

—A—

A. Ahlstrom Corporation.—212/Mas/92.
Amit, N.—254/Mas/92.
Amsted Industries Incorporated.—214/Mas/92.
Atochem.—234/Mas/92.

—B—

Babcock Enterprise M/s.—230/Mas/92.
Basic, J.N.—229/Mas/92.

—C—

Chevron Research & Technology Co.—236/Mas/92.
Congolum Corporation.—237/Mas/92.

—D—

Dana Corporation.—208/Mas/92.
Dragoco Gerberding & Co. GmbH.—238/Mas/92.

—F—

F.L. Smidth & Co. A/S.—213/Mas/92.
FMC Corporation.—206/Mas/92 & 218/Mas/92.
Formica Corporation.—256/Mas/92.

—H—

Halberg Maschinenbau GmbH.—255/Mas/92.
Himont Incorporated.—246/Mas/92.
Hoechst Aktiengesellschaft.—232/Mas/92.
Huls Aktiengesellschaft.—239/Mas/92.

—I—

IMC Fertilizer, Inc.—255/Mas/92.
Ignifluid Boilers India Ltd.—230/Mas/92.
Inpro Companies Inc.—220/Mas/92.
Institut Francais Du Petrole.—205/Mas/92 & 221/Mas/92.
Inventio AG.—217/Mas/92.

—K—

Kandaswami, P.—203/Mas/92.

—M—

Mannesmann Aktiengesellschaft.—215/Mas/92.
Manitowoc Co. Inc., The.—209/Mas/92.
Minnesota Mining & Manufacturing Co.—210/Mas/92.

—O—

Odjob International Ltd.—228/Mas/92.

—P—

Pannala, A.S.—245/Mas/92.

—R—

Rajamanickam, S.V.—202/Mas/92.
Rajkumar, C.K. (Dr.).—201/Mas/92.
Rao, J.R.—245/Mas/92.
Rao, L.G.—242/Mas/92.
Rao, P.R.L.—219/Mas/92.

—S—

Safe-T-Ltd.—224/Mas/92.
Shet, G.V.—204/Mas/92, 226|Mas|92 & 252/Mas/92.
Sivasubramanian, T.—222/Mas/92.
Standard Car Truck Co.—243/Mas/92.
Sundaram, N.S.—249/Mas/92, 250|Mas|92 & 251/Mas/92.
Sundareswaran, G.—247/Mas/92 & 248/Mas/92.

—T—

Tecnomedica Ricerche S.r. l.—207/Mas/92 & 223/Mas/92.
Toyo Engineering Corporation.—211/Mas/92.
Turbine Blading Ltd.—244/Mas/92.

—V—

Vaidyanathan, L.G. I.—231/Mas/92.
Varadaraj, S.—235/Mas/92.
Vijayan, T.A.—227/Mas/92, 240|Mas|92 & 241|Mas|92.

—W—

Waeschle Maschinenfabrik GmbH.—216/Mas/92, 233/Mas/92 & 253/Mas/92.

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—A—

ANI Corporation Ltd.—364/Del/92.
Advanced Technology Consortium, Inc.—371/Del/92.
Aerospatiale Societe Nationale Industrielle.—341/Del/92.
Amoco Corporation.—323/Del/92 & 324|Del|92.
Atlas Powder Co.—358/Del/92.

—B—

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Barreme Pty. Ltd.—301/Del/92.
Bhatnagar, R.—360/Del/92.

—C—

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—D—

Dresser Industries, Inc.—357/Del/92.

—E—

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Electric Power Research Institute, Inc.—305/Del/92.
European Atomic Energy Community (Euratom).—352/Del/92.

—F—

Fu Tai Umbrella Works, Ltd.—337/Del/92 & 365/Del/92.

—G—

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General Electric Co.—366/Del/92, 367|Del|92 & 368|Del|92.
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Golden Industries Ltd.—300/Del/92.

—H—

H-C Industries, Inc.—302/Del/92.
Hussain, G.D.Z.—370/Del/92.

—I—

ICI Canada, Inc.—382/Del/92.
Imaje S.A.—381/Del/92.
Imperial Chemical Industries PLC.—342/Del/92.
Ingersoll-Rand Co.—304|Del|92 & 326/Del/92.
Institut Francais Du Petrole.—341/Del/92.

—J—

Johnson Mathey Public Ltd. Co.—336/Del/92.

—K—

Kiat, O.S.—294/Del/92.
Knorr Brake Holding Corporation.—327/Del/92.

—L—

Laboratories Del Dr. Esteve, S.A.—296/Del/92.
Lubrizol Corporation, The.—295|Del|92, 334/Del/92 & 348/Del/92.

—M—

Machsud, D.—322/Del/92.
Manoir Industries.—306/Del/92.
Morgan Construction Co.—354/Del/92.
Motorola Inc.—361/Del/92.
Murao & Co. Ltd.—328/Del/92 & 329/Del/92.

—P—

PSI Telecommunications, Inc.—359/Del/92.

Paul Wurth S.A.—340/Del/92.

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—R—

Raghava, R.P.—369/Del/92.

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Richardson-Vicks, Inc.—299/Del/92.

Rohm & Haas Co.—307/Del/92, 333|Del|92, 338|Del|92, 350|Del/92 & 351/Del|92.

—S—

SKW Metals UK Ltd.—303/Del/92.

Shin Kwang Enterprise Co. Ltd.—321/Del/92.

Simmons-Rand Co.—356/Del/92.

—U—

UOP.—316/Del/92.

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Uniroyal Chemical Co. Inc.—349/Del/92

—W—

Wilkinson Sword Gesellschaft Mit Beschrankter Haftung.—318/Del/92.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration of the design included in the entry.

Class 1. No. 164428. Chander Mohan Ghai C/o Chandra Industries, Chanderlok, Bhagpat Road, Meerut, U.P., India, an Indian National. "Stove". June 2, 1992.

Class 3. No. 164333. International Business Machines Corporation of the State of New York, Armonk, New York-10504, U.S.A. "Personal Computer." May 6, 1992.

Class 3. No. 163654. William Ray Crowe of 346 Sierra Dr., Lexington, Kentucky 40505 and Steven Alan Silverstein of 156 Suburbon Court, Lexington, Kentucky 40503, both are U.S.A. Citizen and the Country of U.S.A. "Printer". October 10, 1991.

Class 4. No. 164405. Khoday Brewing & Distilling Industries Limited (Distillery Division), Indian Company of Unit No. 2, Brewery House, 7th Mile, Kanakapura Road, Bangalore-560 062, Karnataka, India. "Bottle". May, 22, 1992.

Class 4. No. 164161. The Indo-Asahi Glass Co. Ltd., Indian Company of Regd. H.O. 3, Hungerford Street, Calcutta-700017, W.B., India. "Figured Glass Sheet". March 17, 92.

Copyright extended for the 2nd period of five years.

Nos. 158187, 158387, 158388, 158390, 158392, 158394, 158475, 158480.—Class 3.

R. A. ACHARYA
Controller General of Patents, Designs and Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1992
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